

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/091,761	HOSALI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Belix M. Ortiz	2164	

-- **The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**  
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/24/2006.
2. ☒ The allowed claim(s) is/are 1, 3-8, 10-15, 17-19.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached:
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date <u>5/16/06</u></li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
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**CHARLES RONES**  
**SUPERVISORY PATENT EXAMINER**

**DETAILED ACTION**

**EXAMINER'S AMENDMENT**

1. The following is an Examiner's statement of reasons for the indication of allowable subject matter: The prior art of record does not disclose, make obvious, or otherwise suggest the structure of the applicant's prediction program, prediction apparatus, and prediction method together with the other limitations of the independent claims.

The dependent claims being further limiting and definite are also allowable. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Authorization for this examiner's amendment was given in an interview with Samuel A. Kassatly on May 16, 2006.

**AMENDMENT TO THE CLAIMS:**

Claims 1-2, 8-9, and 15-16 have been amended. Claims 1, 3-8, 10-15, and 17-19 remain pending in the application.

**WHAT IS CLAIMED IS:**

1. (Currently Amended) A method for dynamically linking at least two dissimilar databases ~~having dissimilar structures and dissimilar programming languages,~~ comprising:

linking the two dissimilar databases by means of a pointers database that either one of the at least two dissimilar databases;

the pointers database receiving instructions external to the at least two dissimilar databases, to effect relationships changes between the at least two dissimilar databases;  
and

in response to the external instructions, selectively changing pointers between records in the at least two dissimilar databases by changing records in the pointers database, without changing the records in the at least two dissimilar databases; and

wherein a ratio of the number of records contained in the pointers database to the number of records contained in either one or the at least two dissimilar databases ranges between approximately 0.005% and 5%.

2. (cancel)

8. (Currently Amended) A computer program for dynamically linking at least two dissimilar databases ~~having dissimilar Structures and dissimilar programming languages,~~ comprising :

a first Set of program instructions for linking the two dissimilar databases by means of a pointers database that contains a smaller number of records than a number of records contained in either one of the at least two dissimilar databases;

the pointers database receiving instructions external to the at least two dissimilar databases, to effect relationships changes between the at least two dissimilar databases;  
and

a second set of program instructions for changing pointers between records in the at least two dissimilar databases by changing records in the pointers database, without changing the records in the at least two dissimilar databases; and

wherein a ratio of the number of records contained in the pointers database to the number of records contained in either one or the at least two dissimilar databases ranges between approximately 0.005% and 5%.

9. (Cancel)

15. (Currently Amended) A System for dynamically linking at least two dissimilar databases ~~having dissimilar Structures and dissimilar programming languages,~~ comprising :

a pointers database for linking the two dissimilar databases, wherein the pointers database contains a smaller number of records than a number of records contained in either one of the at least two dissimilar databases;

the pointers database receiving instructions external to the at least two dissimilar databases, to effect relationships changes between the at least two dissimilar databases; and

in response to the external instructions, the pointers database selectively changes pointers in the pointers database, without changing the records in the at least two dissimilar databases; and

wherein a ratio of the number of records contained in the pointers database to the number of records contained in either one or the at least two dissimilar databases ranges between approximately 0.005% and 5%.

16. (cancel)

***Reasons for Allowance***

2. Claims 1, 3-8, 10-15, and 17-19 are allowed.
3. The following is a statement of reasons for the indication of allowable subject matter: the prior arts of records, neither anticipates nor renders obvious the following limitations as claimed:

As to claims 1 and 15, the prior art of records fail to anticipate or suggest a method for dynamically linking at least two dissimilar databases, comprising:

linking the two dissimilar databases by means of a pointers database that either one of the at least two dissimilar databases;

the pointers database receiving instructions external to the at least two dissimilar databases, to effect relationships changes between the at least two dissimilar databases;

in response to the external instructions, selectively changing pointers between records in the at least two dissimilar databases by changing records in the pointers database, without changing the records in the at least two dissimilar databases; and

wherein a ratio of the number of records contained in the pointers database to the number of records contained in either one or the at least two dissimilar databases ranges between approximately 0.005% and 5%, together with the other limitations of the dependent claims.

As to claim 8, the prior art of records fail to anticipate or suggest a computer program for dynamically linking at least two dissimilar databases, comprising :

a first Set of program instructions for linking the two dissimilar databases by means of a pointers database that contains a smaller number of records than a number of records contained in either one of the at least two dissimilar databases;

the pointers database receiving instructions external to the at least two dissimilar databases, to effect relationships changes between the at least two dissimilar databases;

a second set of program instructions for changing pointers between records in the at least two dissimilar databases by changing records in the pointers database, without changing the records in the at least two dissimilar databases; and

wherein a ratio of the number of records contained in the pointers database to the number of records contained in either one or the at least two dissimilar databases ranges between approximately 0.005% and 5%, together with the other limitations of the dependent claims.

*Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Belix M. Ortiz whose telephone number is 571-272-4081.

The examiner can normally be reached on Monday-Friday 9am-5pm.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

bmo

May 16, 2006

  
**CHARLES RONES**  
**SUPERVISORY PATENT EXAMINER**